

09-16-05
PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**

or **Fax** (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

28436 7590 09/06/2005

IP CREATORS
P. O. BOX 2789
CUPERTINO, CA 95015

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/779,789	02/07/2001	Behrooz Rezvani	VELCP008X1C	7769

TITLE OF INVENTION: METHOD AND APPARATUS FOR CHANNEL ESTIMATION FOR X-DSL COMMUNICATIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	12/06/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS	09/19/2005 AKELECH2 00000056 09779789
AHN, SAM K	2637	375-222000	01-FC:8001 30.00 OP

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 IP Creators
- 2 Charles C Cary
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
Ikanos Communication, INC
Recorded: 06/18/2001
Reel/Frame: 011674/0411

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Fremont, California U.S.

09/19/2005 AKELECH2 00000055 09779789

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity **70.00 OP**

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- ☒ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 10

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 50-1338 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Charles C Cary

Typed or printed name Charles C Cary

Date September 14, 2005

Registration No. 36,764

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



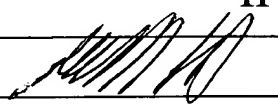
Please type plus sign (+) inside this box → ☐

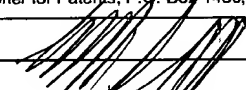
PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/779,789
	Filing Date	02/07/2001
	First Named Inventor	Behrooz REZVANI
	Group Art Unit	2637
	Examiner Name	AHN, SAM K
Total Number of Pages in This Submission	Attorney Docket Number	VELCP008X1C

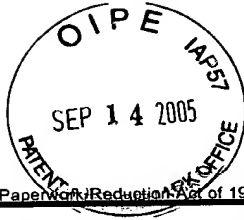
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers # (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition # <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Endorsement(s) (please identify below): 1-Check of \$730.00 2-PART B-Fee Transmittal
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	IP Creators
Signature	 Charles C. Cary Reg. #: 36,764
Date	September 14, 2005

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope with Express mail No. EQ 045976590 US addressed to: Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: September 14, 2005		
Typed or printed name	Charles C. Cary	
Signature		Date September 14, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EQ045976590US



PTO/SB/17 (10-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

730

Complete if Known

Application Number	09/779,789
Filing Date	02/07/2001
First Named Inventor	Behrooz REZVANI
Examiner Name	AHN, SAM K
Group Art Unit	2637
Attorney Docket No.	VELCP008X1C

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	50-1338
Deposit Account Name	IP Creators

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

0

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20 = -20	X	\$0
Multiple Dependent Claims	-3 = -3	X	\$44
			\$0

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	\$0
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$0
1053	130	1053	130	Non-English specification	\$0
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	\$0
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$0
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$0
1251	110	2251	55	Extension for reply within first month	\$0
1252	410	2252	205	Extension for reply within second month	\$0
1253	930	2253	465	Extension for reply within third month	\$0
1254	1,450	2254	725	Extension for reply within fourth month	\$0
1255	1,970	2255	985	Extension for reply within fifth month	\$0
1401	320	2401	160	Notice of Appeal	\$0
1402	320	2402	160	Filing a brief in support of an appeal	\$0
1403	280	2403	140	Request for oral hearing	\$0
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$0
1452	110	2452	55	Petition to revive - unavoidable	\$0
1453	1,300	2453	650	Petition to revive - unintentional	\$700
1501	1,300	2501	650	Utility issue fee (or reissue)	\$0
1502	470	2502	235	Design issue fee	\$0
1503	630	2503	315	Plant issue fee	\$0
1504	300			Pfublication Fee	\$0
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$0
1806	180	1806	180	Submission of Information Disclosure Stmt	\$0
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$0
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	\$0
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	\$0
1801	750	2801	375	Request for Continued Examination (RCE)	\$0
1802	900	1802	900	Request for expedited examination of a design application	\$0
Other fee (specify)				10 Printed copies of Patent @ \$3.00	\$30

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

730

SUBMITTED BY

Name (Print/Type)	Charles C. Cary
Signature	

Registration No.
(Attorney/Agent)

36,764

Complete (if applicable)

Telephone	(408) 850-9585
Date	Sep 14, 2005

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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